

5



**TRANSMITTAL LETTER**  
**(General - Patent Pending)**

Docket No.  
0115426-886

In Re Application of Kelly et al.

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
09/722,930	November 27, 2000	Michael J. Moore Jr.	24573	2666	4947

Title: **APPARATUS AND METHOD FOR EFFICIENT TDMA BANDWIDTH ALLOCATION FOR TCP/IP SATELLITE-BASED NETWORKS**

COMMISSIONER FOR PATENTS:

Transmitted herewith is:

Statement Under 37 CFR 3.73(b) (1 page);  
Power of Attorney to Prosecute Applications Before the USPTO (1 page);  
Copy of Assignment History (2 pages); and  
Return Receipt Postcard

in the above identified application.

- ☒ No additional fee is required.
- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **02-1818** as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Signature

James F. Goedken  
Reg. No. 44,715  
Customer No. 24573

Dated: February 16, 2006

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

February 16, 2006

(Date)

Signature of Person Mailing Correspondence

Heather Foster

Typed or Printed Name of Person Mailing Correspondence

CC:



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Kelly et al.

Application No./Patent No./Control No.: 6,834,039 Filed/Issue Date: Dec. 21, 2004

Entitled: **APPARATUS AND METHOD FOR EFFICIENT TDMA BANDWIDTH ALLOCATION FOR TCP/IP SATELLITE-BASED NETWORKS**

Hughes Network Systems, LLC, a Corporation  
(Name of Assignee) (Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or  
2. ☐ an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a true copy of the original assignment is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

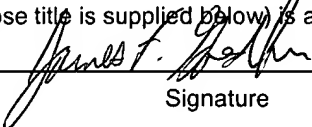
1. From: Inventors To: Hughes Electronics Corporation  
The document was recorded in the United States Patent and Trademark Office at  
Reel 011343, Frame 0212, or for which a copy thereof is attached.
2. From: Hughes Electronics Corporation To: Directv Group, Inc.  
The document was recorded in the United States Patent and Trademark Office at  
Reel 016427, Frame 0731, or for which a copy thereof is attached.
3. From: Directv Group, Inc. To: Hughes Network Systems, LLC  
The document was recorded in the United States Patent and Trademark Office at  
Reel 016323, Frame 0867, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

**As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.**

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
Signature

James F. Goedken (Reg. No. 44,715)  
Printed or Typed Name

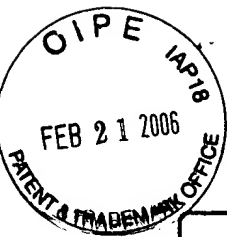
Attorney of Record  
Title

2-16-06  
Date

312-807-4250  
Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number: 29158

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with Customer Number: 29158

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone			Email

Assignee Name and Address:

Hughes Network Systems, LLC  
11717 Exploration Lane  
Germantown, MD 20876

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

### SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	8/16/2005
Name	Dean Manson	Telephone	301-601-7315
Title	Vice President and General Counsel		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



United States Patent and Trademark Office

[Home](#) | [Site Index](#) | [Search](#) | [Guides](#) | [Contacts](#) | [eBusiness](#) | [eBiz alerts](#) | [News](#) | [Help](#)**Assignments on the Web > Patent Query****Patent Assignment Abstract of Title**

***NOTE: Results display only for issued patents and published applications.  
For pending or abandoned applications please consult USPTO staff.***

**Total Assignments: 5****Patent #:** 6834039    **Issue Dt:** 12/21/2004    **Application #:** 09722930    **Filing Dt:** 11/27/2000**Inventors:** Frank Kelly, Robert Kepley, Stan Kay**Title:** APPARATUS AND METHOD FOR EFFICIENT TDMA BANDWIDTH ALLOCATION FOR TCP/IP  
SATELLITE-BASED NETWORKS**Assignment: 1****Reel/Frame:** 011343/0212**Recorded:** 11/27/2000**Pages:** 4**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors:** KELLY, FRANK**Exec Dt:** 11/21/2000KEPLEY, ROBERT**Exec Dt:** 11/10/2000KAY, STAN**Exec Dt:** 11/22/2000**Assignee:** HUGHES ELECTRONICS CORPORATION

200 NORTH SEPULVEDA BLVD.

EL SEGUNDO, CALIFORNIA 90245

**Correspondent:** HUGHES ELECTRONICS CORPORATION

JOHN T. WHELAN

P.O. BOX 956

BLDG. 1, MAIL STOP A109

EL SEGUNDO, CA 90245-0956

**Assignment: 2****Reel/Frame:** 016427/0731**Recorded:** 06/21/2005**Pages:** 22**Conveyance:** MERGER (SEE DOCUMENT FOR DETAILS).**Assignor:** HUGHES ELECTRONICS CORPORATION**Exec Dt:** 03/16/2004**Assignee:** DIRECTV GROUP, INC., THE

11717 EXPLORATION LANE

GERMANTOWN, MARYLAND 20876

**Correspondent:** MICHAEL T. MURPHY

BELL, BOYD &amp; LLOYD LLC

P.O. BOX 1135

CHICAGO, IL 606090-1135

**Assignment: 3****Reel/Frame:** 016323/0867**Recorded:** 06/14/2005**Pages:** 37**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignor:** DIRECTV GROUP, INC., THE**Exec Dt:** 05/19/2005**Assignee:** HUGHES NETWORK SYSTEMS, LLC

11717 EXPLORATION LANE

GERMANTOWN, MARYLAND 20876

**Correspondent:** MICHAEL T. MURPHY  
BELL, BOYD & LLOYD LLC  
P.O. BOX 1135  
CHICAGO, IL 60690-1135

**Assignment: 4**

**Reel/Frame:** 016345/0368

**Recorded:** 07/11/2005

**Pages:** 33

**Conveyance:** SECOND LIEN PATENT SECURITY AGREEMENT

**Assignor:** HUGHES NETWORK SYSTEMS, LLC

**Exec Dt:** 06/27/2005

**Assignee:** JPMORGAN CHASE BANK, N.A., AS ADMINISTRATIVE AGENT

P.O. BOX 2558

NEW YORK, NEW YORK 77252

**Correspondent:** ROBYN RAHBAR, ESQ.  
SIMPSON THACHER & BARTLETT LLP  
425 LEXINGTON AVENUE  
NEW YORK, NY 10017

**Assignment: 5**

**Reel/Frame:** 016345/0401

**Recorded:** 07/11/2005

**Pages:** 33

**Conveyance:** FIRST LIEN PATENT SECURITY AGREEMENT

**Assignor:** HUGHES NETWORK SYSTEMS, LLC

**Exec Dt:** 06/27/2005

**Assignee:** JPMORGAN CHASE BANK, N.A., AS ADMINISTRATIVE AGENT

P.O. BOX 2558

HOUSTON, TEXAS 77252

**Correspondent:** ROBYN RAHBAR, ESQ.  
SIMPSON THACHER & BARTLETT LLP  
425 LEXINGTON AVENUE  
NEW YORK, NY 10017

Search Results as of: 02/07/2006 05:22 PM

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 571-272-3350

[| .HOME](#) | [INDEX](#) | [SEARCH](#) | [eBUSINESS](#) | [CONTACT US](#) | [PRIVACY STATEMENT](#)